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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

19

Application Number 10/695,560

Filing Date 10/27/2003

First Named Inventor Schlager, Dan

Art Unit 2632

Examiner Name Wu, Daniel

Attorney Docket Number SCHL-PAR2

### ENCLOSURES (Check all that apply)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Terminal Disclaimer                              |   |
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| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Landscape Table on CD                            |   |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <b>Remarks</b>  |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | ____ Cover Letter for IDS   |   |
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Office of Donald Grant Kelly		
Signature			
Printed name	Donald Grant Kelly		
Date	01-05-2005	Reg. No.	30,521

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Donald Grant Kelly	Date	01-05-2005

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Re: SCHL-PAR2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: **Dan Schlager et al.**

Examiner: **Daniel Wu**

Serial No.: **10/695,560**

Art Unit: **2632**

Filed: **October 27, 2003**

Title: ***Self-locating personal alarm system equipped parachute***

**BOX PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

### **INFORMATION DISCLOSURE STATEMENT**

Sir:

The present communication is Applicants' Information Disclosure Statement (IDS) submitted under 37 CFR 1.56, in compliance with 37 CFR 1.97 and 1.98. Applicants wish to point out, respectfully, that the present submission is believed to be fully compliant with Manual of Patent Examining Procedure (MPEP) Section 609, paragraph (b)(3).

### **DOCUMENT COPIES PREVIOUSLY PROVIDED**

Under 37 CFR 1.97(d), copies of listed documents are not herewith provided since copies of all such documents accompanied IDS submissions in related US patent applications preceding the present US patent application filed under 37 CFR 1.53(b)(2).

For convenience it is noted that copies of documents listed in the present IDS pages 1-4 were filed in co-pending parent application Serial No. 09/325,030, now US Patent No. 6,198,390; copies of those documents listed in the present IDS pages 5-15 were filed in co-pending parent application Serial No. 09/728,167, now US Patent No. 6,518,889.

Respectfully submitted,



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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 15

**Complete if Known**

Application Number	10/695,560
Filing Date	10/27/2003
First Named Inventor	Schlager, Dan
Art Unit	2632
Examiner Name	Wu, Daniel
Attorney Docket Number	SCHL-PAR2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,588,858	06/1971	Demuth	
		US- 3,784,842	01/1974	Kremer	
		US- 4,058,802	11/1977	Meyers	
		US- 4,598,272	07/1986	Cox	
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		US- 4,833,477	05/1989	Tendler <sup>3</sup>	
		US- 4,899,135	02/1990	Ghahariiran	
		US- 4,952,928	08/1990	Carroll et al.	
		US- 5,025,247	06/1991	Banks	
		US- 5,043,702	08/1991	Kuo	
		US- 5,043,736	08/1991	Darnell et al.	
		US- 5,047,750	09/1991	Hector	
		US- 5,081,667 A	01/1992	Drori et al.	
		US- 5,086,391 A	02/1992	Chambers	
		US- 5,115,223 A	05/1992	Moody	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 559 074 A1	02/1993			
		GB 2274188	07/1994			
		WO 93/06531	04/1993			
		WO 94/15412	07/1994			

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Sheet 2

of 15

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First Named Inventor	Schlager, Dan
Art Unit	2632
Examiner Name	Wu, Daniel
Attorney Docket Number	SCHL-PAR2

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,119,341 A	06/1992	Youngberg	
		US- 5,202,829 A	04/1993	Geier	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		PCT/US96/17473	08/25/1997			
		PCT/US95/13823	12/06/1996			
		PCT/US95/13823 ISR	02/23/1996			

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SignatureDate  
Considered

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STATEMENT BY APPLICANT**

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Sheet

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of

15

**Complete if Known**

Application Number	10/695,560
Filing Date	10/27/2003
First Named Inventor	Schlager, Dan
Art Unit	2632
Examiner Name	Wu, Daniel
Attorney Docket Number	SCHL-PAR2

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		US- 5,420,592 A	05/1995	Johnson	
		US- 5,422,814 A	06/1995	Sprague et al.	
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		US- 5,432,841 A	07/1995	Rimer	
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		US- 5,461,390 A	10/1995	Hoshen	
		US- 5,479,482 A	12/1995	Grimes	
		US- 5,515,043 A	05/1996	Berard et al.	
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		US- 5,552,772 A	09/1996	Janky et al.	
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FOREIGN PATENT DOCUMENTS						
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Examiner Signature		Date Considered	
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Sheet 4 of 15

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Filing Date	10/27/2003
First Named Inventor	Schlager, Dan
Art Unit	2632
Examiner Name	Wu, Daniel
Attorney Docket Number	SCHL-PAR2

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Sheet 5

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Art Unit	2632
Examiner Name	Wu, Daniel
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		US-			
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		US- 4,589,132	05/1986	Bothol	
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		US- 5,392,052 A	02/1995	Eberwine	
		US- 5,434,787 A	07/1995	Okamoto	
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		US- 5,557,254 A	09/1996	Johnson	
		US- 5,663,734 A	09/1997	Krasner	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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		Application Number	10/695,560
		Filing Date	10-27-2003
		First Named Inventor	Schlager, Dan
		Art Unit	2632
		Examiner Name	Wu, Daniel
Sheet 7	of 15	Attorney Docket Number	SCHL-PAR2

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	5	RAAB et al., "An Application of the Global Positioning System to Search and Rescue and Remote Tracking," Nav. Journal of Inst. of Navig, Fall 1997, Vol. 24, No. 3	
	6	CAMERON et al, "Use of Commercial GIS and GPS for Emerg. Location and Dispatch"; 51st Annual Mtng of Inst. of Navigation, June 1995	
	7	DRISCOLL, "Finding the Fleet: Vehicle Location Systems and Technologies" GPS World; April 1994, Pp. 66-70.	
	8	MASTERS, et al., "GPS/GIS and Space Time Data" Presented at the Institute of Navigation, Sept. 1994	
	12	OMNITRACS Technical Overview, QUALCOMM Ind. 80-6462	
	18	Executive Summary, CAE-Link's CPLS and LinkTrak Systems, Copyright 1993, CAE-Link	
	19	LINKTRAK User's Guide, Rev. 00, CAE-Link Corp., LinkTrak Version 1.0, March 18, 1994	
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	21	LINKTRAK'S Regional Mobile Emergency Response Coord. System Operation, October 22, 1993	
	22	CPLS Cellular Position Location System, LINKTRAK Security System, CAE-Link Corp. 1993	

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Application Number 10/695,560

Filing Date 10/27/2003

First Named Inventor Schlager, Dan

Art Unit 2632

Examiner Name Wu, Daniel

Attorney Docket Number SCHL-PAR2

Sheet 8

of 15

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	26	KIJAN et al., "GPS to the Rescue - Mayday for Motorists;" ION Satellite Div. Intl. technical Meeting, September 1993, Salt Lake City, UT USA	
	27	BROWN et al., "GPS Receivers - TIDGET-PLUS: Urban Navigation with Stand-Alone GPS"; ION Satellite Div. Intl. Technical Meeting, Sept. 1994, Salt Lake City, UT USA	
	28	BROWN, A. et al. "TIDGET Mayday System for Motorists," IEEE Position, Location and Nav. Symposium, April 1994, Las Vegas, NV USA	
	29	BROWN, A. et al., "An Operational Test of a Vehicle Emergency Location Service in Colorado"; Winter 1994-1995; Paper received June 1994, Revised August 1995.	
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	31	"Intellegent Transportation System Mayday Becomes a Reality"; NAECON Nat'l Aerospace Elec. Conf., May 1995, Dayton, OH USA	
	32	"Use of Commercial GIS and GPS for Emergency Location and Dispatch, ION 51st Annual Meeting, June 1995, Colorado Springs, CO USA	
	33	"Strategic Plan for Intelligent Vehicle Highway Systems," Report No. IVHS-AMER-92-3, IVHS America, May 20, 1993	

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	34	ITS Architecture Development Program, Phase 1, Summary Report, ITS America, November 1994	
	35	JHK ASSOC.; "Advanced Traveler Information Systems for Rural Areas"; January 1995	
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	39	SWALES, MALONEY & STEVENSON, "Locating Mobile Phones & US Wireless E-911 Mandate;" IEEE, 1999	
	40	FRENCH, DRISCOLL; "Location Technologies for ITS Emergency Notification and E911"	
	41	GLOECKLER, VAN DIERENDONCK, HATCH; "Proposed Rev. to TRCM SC-104, Recom. Standards of Differential NAVSTAR/GPS Service for Carrier Phase Appln;" Proceedings of ION, GPS93;1992	
	42	BERTIGER, BAR-SEVER, HAINES, IBANEZ-MEIER, MUELLERSCHOEN, MUNSON, RIM, WU, ABUSALI; SCHUTZ, WILLIS, "The 1st Low Earth Orbiter w/Precise GPS Pos. Topex/Poseidon" ION-GPS93;1992	
	43	Technical Proposal for the GPS Demo. Receiver Subsystem VOL. 1, 23 Sept, 1986	
	44	RTCM Rec. Standards for Differential NAVSTAR GPS Serv., Jan 3, 1994	
	45	FRENCH, ROBERT J., "Automobile Navigation: Where is it Going?" ; IEEE AES Magazine May 1987; 6-12	

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	49	"Automatic Vehicle Location System"; Advertisement in GPS World, August 1992, Dallas, TX USA	
	51	KILJAN, JOHN P. et al.; "GPS to the Rescue-Mayday for Motorists; ION-GPS 93, September 1993; Salt Lake City, Utah USA	
	52	SUSHKO, M., Kensington & Icknield, Ltd.; "Navigating the Earth and Beyond;" 1994 Nat. Tech Mtng Proceedings, Catamaran Rsrtr Hotel; Jan. 24-26, 1994; 261-275; San Diego, CA USA	
	53	KRAKIWSKY, EDWARD J., "Innovations in Vehicle Treacking and Navigation"; GPS World February, 1994; 42-45	
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	55	MARKS, PETER; "For a few lucky motorists, guidance by satellite"; New York Times, April 2, 1994; 1, 16	
	56	BROWN, ALISON, AND SILVA; "TIDGET Mayday System for Motorists;" IEEE Plans; April 1994, Las Vegas, NV USA	
	57	DRISCOLL, CLEMENT; "Finding the Fleet; Vehicle Location Systems and TEchnologies"; BPS World; April 1994, 66-70	
	58	<a href="http://www.mobilecomms-technology.com/contractors/gisservices/ms/">http://www.mobilecomms-technology.com/contractors/gisservices/ms/</a>	

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	59	ETE Inc., Communications Peripheral, Advertisement in GPS WORLD, August 1994; 58	
	60	EWAN MASTERS, BEMD MIRSCH, and KEN WONG; "GPS/GIS and Space Time Data"; ION-GPS; September 1994	
	61	GPS WORLD; "Avis to the Rescue"; GPS WORLD, November 1994	
	62	KRAKIWSKY, EDWARD J. and HARRIS, CLYDE; "Communications for AVLN Systems"; GPS WORLD; November 1994; 42-50	
	63	MANN, STEVE; "ETE Communicator Finally Shipping"; PDA Developers; Jan/Feb 1995; 1-2	
	64	TRIMBLE; "Trimble Introduces New Line of Wireless Communications Products"; News Release; Feb. 1, 1995	
	65	GPS WORLD; "Firms Sign Agreement on GPS/Cellular Standards"; Notes, February 1995; 57	
	66	KRAKIWSKY, EDWARD and MCLELLAN, J.F.; "Making GPS Even Better with Auxiliary Devices"; GPS WORLD; March 1995; 46-53	
	67	MOTOROLA; "Motorola Cellular Positioning and Emergency Messaging Unit"; picture and description; undated	
	68	ATTN; "Trimble's Trackers Go Wireless"; Advanced Transportation Technology News; March 1995	

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Art Unit 2632

Examiner Name Wu, Daniel

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	71	SUSHKO, M.; "Cellular Data Serv. for Vehicular Tracking, Control and Information Systems"; Meeting Proceedings Celebr. 50th Anniv. of ION; June 5-7, 1995; Colo.Springs, CO USA	
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	78	AUTO-TRAC; "Cellular-based Vehicle Tracking Unit"; GPS World advertisement; December 1995	

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	83	HAYASHI, WATANABE, SAEKINE, YOKOI; "Search and Rescue System Utilizing GPS and a Geostationary Meteorological Satellite; Proceedings of ION GPS 1993	
	84	YANG and YIP; "Integration of Vehicular Navigation and Mobitex Wireless Pocket Data Network"; Proceedings of National Technical Meeting, 1994	
	85	PINKARD; "Combat Survivor Evader Locator (CSEL), A New Method for Locating Survivor"; 1994	
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	87	FRENCH and DRISCOLL; "Location Technologies for ITS Emergency Notification and E911; 1996	
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	89	Differential GPS I - ION GPS - 95 Tutorial; September 12, 1995	
	90	GPS WORLD SHOWCASE; "Open-ended AVL"; Dec. 1994	
	91	GPS WORLD SHOWCASE; "Portable AVL"; August 1995	

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	94	DRISCOLL; "If you build it will they come? Location-based Communications and the Consumer"; GPS World, November, 1996	
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	96	ROCKWELL PRO 2000, Mobile Communications Systems, 1995	
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	99	GPS WORLD NEWSLETTER; "Start-up Goes After GPS Chips"; September 13, 1996	
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	101	Mobile Virtual Presence (MVP-R2 REMOTE); MVP-R2 Remote Technical Specification; May 21, 1997	

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STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number 10/695,560

Filing Date 10-27-2003

First Named Inventor Schlager, Dan

Art Unit 2632

Examiner Name Wu, Daniel

Sheet 15

of 15

Attorney Docket Number SCHL-PAR2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	102	New Media Corporation Business Plan, 12/10/97	
	103	The Institute of Navigation; National Technical Meeting; January 24-26, 1994	
	104	DURST, FOWLER and McALEXANDER; "Mobile Object Locator"; May 22, 2001/July 28, 1999	
	105	WIRELESS INSIDER; "Life Vest Keeps GPS Afloat in Phones"; October 18, 1999	
	106	POWER LOC TECHNOLOGIES, Inc., Personal Location Devices (PLD)	
	107	AIC CONFERENCE; "Wireless Emergency Services"; May 13-14, 1997; San Francisco, CA USA	

Examiner Signature	Date Considered
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